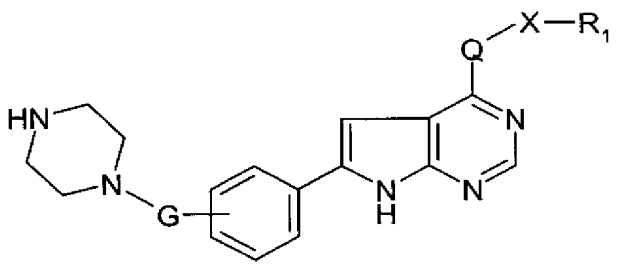
Amendments to the Claims

Listing of Claims:

Claim 1 (original): A compound of formula I



(I),

wherein

R_1 is a heterocyclic radical or an unsubstituted or substituted aromatic radical;

G is C_1-C_7-alkylene, -C(=O)-, or C_1-C_6-alkylene-C(=O)- wherein the carbonyl group is attached to the piperazine moiety;

Q is -NH- or -O-, with the proviso that Q is -O- if G is -C(=O)- or C_1-C_6-alkylene-C(=O)-; and

X is either not present or C_1-C_7-alkylene, with the proviso that a heterocyclic radical R_1 is bonded via a ring carbon atom if X is not present;

or a salt thereof.

Claim 2 (original): A compound of formula I according to claim 1, wherein

R_1 is a heterocyclic radical or an unsubstituted or substituted aromatic radical;

G is C_1-C_7-alkylene;

Q is -NH- or -O-; and

X is either not present or C_1-C_7-alkylene, with the proviso that a heterocyclic radical R_1 is bonded via a ring carbon atom if X is not present;

or a salt thereof.

Claim 3 (original): A compound of formula I according to claim 1, wherein

R_1 is a heterocyclic radical or an unsubstituted or substituted aromatic radical;

G is C_1-C_7-alkylene;

Q is -NH-; and

X is either not present or C_1-C_7-alkylene, with the proviso that a heterocyclic radical R_1 is bonded via a ring carbon atom if X is not present;
or a salt thereof.

Claim 4 (original): A compound of formula I according to claim 3, wherein
R_1 is a heterocyclic radical containing up to 20 carbon atoms or an unsubstituted or substituted aromatic radical having up to 20 carbon atoms;
G is C_1-C_3-alkylene;
Q is -NH-; and
X is either not present or C_1-C_3-alkylene, with the proviso that a heterocyclic radical R_1 is bonded via a ring carbon atom if X is not present;
or a salt thereof.

Claim 5 (original): A compound of formula I according to claim 1, wherein
R_1 is phenyl, benzodioxolyl, pyridyl substituted by hydroxy or lower alkoxy, indolyl substituted by halogen and lower alkyl, or phenyl substituted by one or more radicals selected independently of one another from the group consisting of lower alkyl, hydroxy, lower alkoxy, halogen and benzyloxy;
G is $-CH_2-$ or -C(=O)-;
Q is -NH- or -O-, with the proviso that Q is -O- if G is -C(=O)-; and
X is either not present, $-CH_2-$ or $-CH(CH_3)-$, with the proviso that substituted pyridyl or indolyl R_1 is bonded via a ring carbon atom if X is not present;
or a salt thereof.

Claim 6 (original): A compound of formula I according to claim 3, wherein
R_1 is phenyl, benzodioxolyl, pyridyl substituted by hydroxy or lower alkoxy, or phenyl substituted by one or more radicals selected independently of one another from the group consisting of lower alkyl, hydroxy, lower alkoxy, halogen and benzyloxy;
G is $-CH_2-$;
Q is -NH-; and
X is either not present, $-CH_2-$ or $-CH(CH_3)-$, with the proviso that substituted pyridyl R_1 is bonded via a ring carbon atom if X is not present;
or a salt thereof.

Claim 7 (original): A compound of formula I according to claim 1 which is ((*R*)-1-phenyl-ethyl)-[6-(4-piperazin-1-ylmethyl-phenyl)-7*H*-pyrrolo[2,3-*d*]pyrimidin-4-yl]-amine or a pharmaceutically acceptable salt thereof.

Claim 8 (currently amended): An isolated compound of formula I according to ~~any one of claims 1 to 7~~claim 1, or a pharmaceutically acceptable salt thereof.

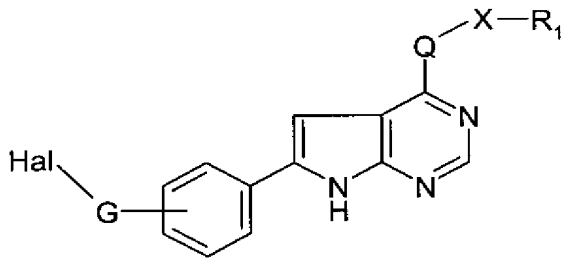
Caim 9 (currently amended): A compound of formula I according to ~~any one of claims 1 to 8~~claim 1, or a pharmaceutically acceptable salt thereof, for use in a method for the treatment of the human or animal body.

Claim 10 (currently amended): A pharmaceutical composition comprising a compound of formula I according to ~~any one of claims 1 to 8~~claim 1, or a pharmaceutically acceptable salt thereof, together with at least one pharmaceutically acceptable carrier.

Claims 11-12 (cancelled)

Claim 13 (original): A process for the preparation of a compound of formula I according to claim 1 or of a salt of such a compound, characterized in that

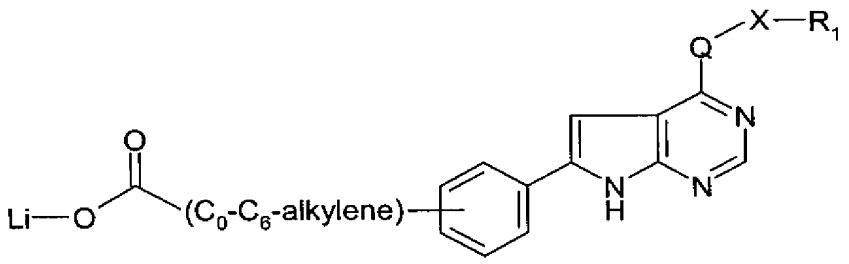
a) in order to prepare a compound of formula I, wherein G is C_1-C_7-alkylene, a compound of the formula II



(II),

wherein Hal is halogen, G is C_1-C_7-alkylene and R_1, Q and X have the meanings as defined for a compound of formula I, is reacted with piperazine;

b) in order to prepare a compound of formula I, wherein G is -C(=O)- or C_1-C_6-alkylene-C(=O)- wherein the carbonyl group is attached to the piperazine moiety, a compound of formula III



(III),

wherein the substituents and symbols have the meanings as defined for a compound of formula I, is reacted with piperazine; or

c) in order to prepare a compound of formula I, wherein G is C_1-C_7-alkylene, a compound of formula I, wherein G is -C(=O)- or C_1-C_6-alkylene-C(=O)- wherein the carbonyl group is attached to the piperazine moiety, is reacted with a reducing agent to produce the corresponding compound in which G is C_1-C_7-alkylene;

whereby functional groups which are present in the starting compounds of processes a) to c) and are not intended to take part in the reaction, are present in protected form if necessary, and protecting groups that are present are cleaved, whereby the said starting compounds may also exist in the form of salts provided that a salt-forming group is present and a reaction in salt form is possible;

and, if so desired, a compound of formula I thus obtained is converted into another compound of formula I, a free compound of formula I is converted into a salt, an obtained salt of a compound of formula I is converted into the free compound or another salt, and/or a mixture of isomeric compounds of formula I is separated into the individual isomers.